Index of Claims

| Application N | ło. |
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10/773,907

Nahid Amiri

Examiner

Applicant(s)

BALLOUGH, WILLIAM E.

Art Unit

3635

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Claim             | Date   |               |                |          |              | С      | Claim           |          |          | Date         |          |           |           |          |   |          |                               | Claim |   |            | Date   |              |  |              |          |          |          |           |           |
|-------------------|--|---------------|----------------|----------|--------------|--------|-----------------|----------|----------|--------------|----------|-----------|-----------|----------|---|----------|-------------------------------|-------|---|------------|--|--------------|--|--------------|----------|----------|----------|-----------|-----------|
| <u></u>           | 1_1  |               |                |          |              |        |                 |          | <u></u>  |              |          |           |           |          |   |          |                               |       |   | ā          |  |              |  |              |          |          |          |           |           |
| Final<br>Original | 8/5/04   |               |                |          | - 1          | i      |                 | Final    | Original | ,            |          |           |           |          | 1   |          |                               | ]     | Final   | Original   |  |              |  |              |          |          |          |           |           |
| E   E             | 86   |               |                |          |              | 1      |                 | 证        | اَ أ     |              |          |           |           |          |   |          |                               |       | iI.   | Ö          |  |              |  |              |          |          |          | ı         |           |
|                   | 1  |               | $\bot$         | _        |              |        | Щ               | <u> </u> | 1        |              | _        |           | _         | _        |   | $\perp$  | _                             | ]     |   |            | _  | $oxed{oxed}$ | L  | _            | _        |          | _        | _         |           |
| 1 (1)             | 1=   |               | -              | 4        | $\perp$      | $\bot$ | Ш               | ļ        | 5        |              | $\perp$  | Щ         | _         |          | $\perp$   | $\perp$  | _                             | 1     | <u></u>                                       | 101        | <u> </u>   | _            | <u> </u>   |              |          | Щ        | _        | _         | _         |
| 2 2               | =  |               | +              | -        |              | +      | Ш               | -        | 52       | <u>:</u>     | ├-       |           |           |          | $\perp$   | +        | 1                             | ļ     |   | 102        | _  | _            | <u> </u>   | _            |          |          | _        | $\dashv$  | _         |
| 3 3               | 2  |               | $\vdash$       |          | -            | +      | Ш               | -        | 53       |              | -        |           |           | 4        | +   | +        | +                             | ļ     |   | 103        | <u> </u>   | _            |  |              |          |          | _        | _         | _         |
| 4 4<br>5 5        | 5  | $\dashv$      | +              | -        | -            | +      | Н               | -        | 54       | -            | -        | -         |           | $\dashv$ | +   | +        | +                             | ł     |   | 104        | ļ  | <u> </u>     | <u> </u>   | _            | $\vdash$ |          | _        | $\dashv$  | _         |
| 5 5               |  | +             | +              | $\dashv$ | +            |        | $\vdash$        | -        | 55       | <u> </u>     | $\vdash$ |           | +         | -        |   | +        | +                             | 1     |   | 105<br>106 |  | <u> </u>     | <u> </u>   |              | _        | -        | -        | $\dashv$  |           |
| 7 7               | 2  | +             | +              | $\dashv$ | +            | +      | Н               | -        | 57       | <del>}</del> | $\vdash$ |           | +         | -        | +   | ╁        | ╁                             | ł     | $\vdash$                                      | 107        | _  | -            | <del> </del>                                     | <del> </del> | H        | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$  |
| 8                 | 2  | +             | +              | $\dashv$ | +            | +      | $\vdash$        | -        | 58       |              | $\vdash$ | $\dashv$  | $\dashv$  | +        | - -   | ╫        | ╁                             | ł     | $\vdash$                                      | 108        | <u> </u>   | ├-           | <del> </del>                                     | -            |          | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  |
| 9                 | ╁┼   | ╁             | +              | -+       | +            | +      | Н               | -        | 59       | -            | $\vdash$ | -         | $\dashv$  | +        | +   | +        | ╁                             | ł     |   | 109        |  |              | $\vdash$   | $\vdash$     |          | $\vdash$ | $\dashv$ | -         | -         |
| 10                | <del>     </del>                                 | _             | $\vdash$       | $\dashv$ | +            | +      | H               | <u> </u> | 60       | <del>`</del> | $\vdash$ |           | +         | +        | +   | +        | +-                            | 1     |   | 110        | $\vdash$   | $\vdash$     | $\vdash$   |              | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$  | -         |
| 11                | ++   | +             | 1 1            | $\dashv$ | +            | +      | H               |          | 6.       |              | $\vdash$ | H         | $\dashv$  |          | ╅   | +        | +                             | 1     | $\vdash$                                      | 111        | $\vdash$   |              | <del>                                     </del> | -            | -        |          | -        | $\dashv$  | $\dashv$  |
| 12                | <del>   </del>                                   | _             | +              | $\dashv$ | +            | +      | Н               |          | 62       | -            | $\vdash$ | $\dashv$  | $\dashv$  | $\dashv$ | $\top$  | $\top$   | T                             | 1     | $\vdash$                                      | 112        | $\vdash$   |              | Н  |              |          | H        | $\dashv$ | $\dashv$  |           |
| 13                | +  | $\neg$        | 1 1            | $\dashv$ | $\top$       | +      | П               | <u> </u> | 63       |              | $\vdash$ | $\vdash$  | $\dashv$  | +        | $\top$  | +-       | 1-                            | 1     | $\vdash$                                      | 113        | $\vdash$   |              | $\vdash$   | $\vdash$     |          |          | -+       | $\dashv$  |           |
| 14                | 11   | T             |                | 一        |              | 1      | П               |          | 64       |              | $\Box$   | $\exists$ | $\dashv$  | _        | $\top$  | $\top$   | T                             | i     |   | 114        | <del>                                     </del> | Г            | <del>                                     </del> | Г            |          | Н        | $\dashv$ | $\dashv$  | $\exists$ |
| 15                |  | $\neg \vdash$ |                | _        |              |        |                 |          | 65       | 5            |          |           | 1         | $\dashv$ | +   | 1        | 1                             | İ     |   | 115        |  |              | П  | Г            |          |          | _        | ヿ         | ┪         |
| 16                |  |               |                |          |              | $\top$ |                 |          | 66       | 5            | П        |           | $\neg$    | 十        | 1   | 1        | 1                             | 1     | $\Box$  | 116        |  |              | Г  |              |          |          | _        | ヿ         | $\neg$    |
| 17                |  |               |                |          |              |        |                 |          | 67       | 7            |          |           |           |          |   | $I^-$    |                               | ]     |   | 117        |  |              |  |              |          |          | $\dashv$ | ヿ         | $\neg$    |
| 18                |  |               |                |          |              |        |                 |          | 68       | 3            |          |           |           | $\neg$   | Т   | T        |                               | 1     |   | 118        | _  |              |  |              |          |          |          | T         |           |
| 19                |  |               |                |          |              |        |                 |          | 69       |              |          |           |           |          |   |          |                               |       |   | 119        |  |              |  |              |          |          |          |           |           |
| 20                |  |               |                |          |              |        |                 |          | 70       |              |          |           | $\bot$    |          | $\perp$   |          |                               | ]     |   | 120        |  |              |  |              |          |          |          | $\Box$    |           |
| 21                |  |               |                |          |              | _ _    | Ш               |          | 7        |              |          |           |           |          | $\perp$   |          |                               |       |   | 121        |  |              |  |              |          |          |          | $\Box$    |           |
| 22                | $\perp$  |               |                | _        |              | _ _    | Ш               |          | 72       |              |          |           |           |          |   |          |                               |       |   | 122        |  |              |  |              |          |          |          | $\Box$    |           |
| 23                | 1  | _ _           | !              |          |              |        | Ш               |          | 73       | 3            |          |           | $\perp$   | $\perp$  | _ _   | <u> </u> | <u> </u>                      |       |   | 123        |  | L.           |  |              |          |          |          |           |           |
| 24                | $\perp \perp$                                    | _ _           | $\sqcup$       |          |              | —      | Ш               |          | 74       |              |          |           |           | 4        |   |          | _                             |       |   | 124        | _  | L_           |  |              |          |          |          | _         |           |
| 25                | <del> </del>  -                                  |               | $\vdash$       | 4        | -            | -      | $\vdash$        | ,        | 75       | <u> </u>     | <u> </u> |           | 4.        | _        | _   | $\bot$   | _                             |       |   | 125        |  |              |  |              |          |          |          | 4         | _         |
| 26                | $\vdash$   |               | $\vdash$       | $\dashv$ | +            | -      | Н               |          | 76       | <u> </u>     |          |           | 4         | 4.       | 4   | 4        | _                             | ļ     |   | 126        | _  | _            | _  |              |          |          | 4        | 4         | _         |
| 27<br>28          | ╌  | - -           | +              | $\dashv$ | +            | +-     | $\vdash$        |          | 77       |              |          |           |           |          | -   | 1        | -                             | ł     | $\vdash$                                      | 127        |  |              |  |              |          | $\Box$   | -        | $\dashv$  | $\dashv$  |
| 29                | 1 1  | +-            | $\vdash$       |          |              | +      | Н               |          | 78       | <del>`</del> | $\vdash$ |           | _         | +        | +   | ┼        | ┼                             | 1     | $\vdash$                                      | 128<br>129 |  |              | -  |              |          |          | 4        | $\dashv$  | $\dashv$  |
| 30                |  | $\dashv$      | ╂              | $\dashv$ | -            | +      | Н               | -        | 80       |              | Н        |           | +         | +        | ╁   | ╌        | ╁                             | ł     | $\vdash$                                      | 130        |  | H            | <del> </del>                                     | _            |          |          |          | $\dashv$  | $\dashv$  |
| 31                | $\vdash$   | $\dashv$      | <del>  </del>  | +        | +            | ╁      | Н               | -        | 8        |              | $\vdash$ |           | +         | +        | ╬   | ╁        | ╁╌                            | ł     | -   | 131        |  | H            | _  | -            | _        | $\dashv$ | +        | $\dashv$  | -         |
| 32                | <del>                                     </del> | +             | +              | $\dashv$ | +            | -      | $\vdash$        |          | 82       | ,            | +        |           |           | $\dashv$ | +   | +        | +                             | 1     |   | 132        |  | Н            |  |              | _        | $\dashv$ |          | $\dashv$  | $\dashv$  |
| 33                | 1  | +             | $\Box$         | 十        |              | +-     | Н               |          | 83       |              | $\vdash$ |           |           | +        | +   | ╁        | +                             | 1     |   | 133        |  |              |  | -            | _        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  |
| 34                |  | $\top$        | <del>   </del> | 十        | _            | +      | Н               |          | 84       |              | Н        | -         | $\dashv$  | +        | +   | ╁╌       | †                             | i     | $\vdash$                                      | 134        | H  | H            | -  |              |          | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$  |
| 35                |  |               | 1 1            | $\dashv$ | $\top$       | $\top$ | $\vdash$        |          | 85       | ,            | П        |           | $\dashv$  | $\dashv$ | $\top$  | $\top$   | T                             | 1     |   | 135        |  | $\vdash$     | Н  |              |          | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$  |
| 36                |  | $\top$        | 1              | 寸        | $\top$       | $\top$ | Н               |          | 86       |              | П        |           | $\dashv$  | 十        | ╅   | 1        | t                             | 1     | $\Box$  | 136        | _  |              | $\vdash$   | П            |          |          | $\dashv$ | $\dashv$  | $\dashv$  |
| 37                |  | $\top$        | $\sqcap$       | 寸        | $\top$       | 1      | П               |          | 87       | 1            | П        |           | $\dashv$  | $\top$   | _   | $\top$   | 1                             | 1     |   | 137        | <u> </u>   |              | $\vdash$   |              |          |          | 7        | $\dashv$  | $\neg$    |
| 38                | $\Box \uparrow$                                  |               |                | $\Box$   |              | T      | П               |          | 88       |              | $\Box$   |           | $\dashv$  | $\top$   | T   | T        | T                             | 1     |   | 138        |  |              |  |              |          |          |          | $\exists$ |           |
| 39                |  |               |                |          |              |        |                 |          | 89       | )            | П        |           |           | $\top$   | T   | Τ        |                               | 1     |   | 139        |  | П            | Г  |              |          |          | 7        | $\dashv$  |           |
| 40                |  |               |                | $\Box$   | $oxed{oxed}$ |        |                 |          | 90       |              |          |           |           |          |   | $\perp$  |                               | ]     |   | 140        |  |              |  |              |          |          |          | ╗         |           |
| 41                | $\Box$   |               |                |          |              |        |                 |          | 91       |              |          |           | $oxed{J}$ |          |   |          |                               | ]     |   | 141        |  |              |  |              |          |          |          |           |           |
| 42                |  |               | $oxed{\Box}$   |          |              |        |                 |          | 92       |              |          |           | $\Box$    |          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |                               |       |   | 142        |  |              |  |              |          |          |          |           |           |
| 43                |  | $\perp$       |                | .        |              |        | $\square$       |          | 93       |              | $\sqcup$ | _]        |           |          |   |          |                               |       |   | 143        |  |              |  |              |          |          | $\Box$   | $\Box$    |           |
| 44                | $\bot\bot$                                       | $\bot$        | $\perp \perp$  | _        |              |        | Ш               |          | 94       | _            | Ш        |           |           | $\bot$   | $\perp$   |          |                               |       |   | 144        |  | $\Box$       |  |              |          |          |          |           |           |
| 45                | $\sqcup \bot$                                    |               | $\sqcup \bot$  | $\perp$  |              | 1      | Щ               |          | 95       |              | Ш        | ļ         |           | $\perp$  | $\perp$   |          |                               |       | لسا   | 145        |  | Ш            | <u>_</u>   |              |          |          |          | $\perp$   | ]         |
| 46                | 1-1-   | _             | $\sqcup$       | $\perp$  | $\bot$       | +-     | Ш               |          | 96       |              | Ш        | _         | $\perp$   |          | $\perp$   | _        |                               |       | <u> </u>                                      | 146        |  | Ш            |  |              |          |          | $\perp$  | $\dashv$  | _         |
| 47                | ₩-   |               | $\sqcup$       | $\perp$  |              | _      | Щ               | <u> </u> | 97       |              | $\sqcup$ | _         | $\perp$   | 4        | $\bot$  | $\perp$  | $oldsymbol{oldsymbol{\perp}}$ |       | $\sqcup \sqcup$                               | 147        |  | Щ            |  |              | Ш        |          | _        | $\dashv$  | _         |
| 48                | $\vdash$   |               | 1-1            | 4        | _            | +-     | Щ               |          | 98       |              | Ш        | _         | _         | 4        | $\perp$   | $\perp$  | $\vdash$                      |       | <u>                                      </u> | 148        |  | Ш            | L_   |              | Щ        |          | _        | _         | _         |
| 49                | ₩  | -             | $\vdash$       | $\dashv$ | +            | +-     | $\vdash \vdash$ |          | 99       |              | $\vdash$ |           | $\dashv$  |          | +   | $\bot$   | $\vdash$                      |       |   | 149        |  | Ш            | -  |              | $\Box$   | _        | _ -      | 4         | _         |
| 50                | ᆚ  |               | 1 1            |          | _!_          |        | Ш               |          | 10       | <u> </u>     |          |           |           |          | _l_   | 1        |                               | ,     | oxdot   | 150        |  | Щ            | L  |              | Ш        |          |          | $\perp$   |           |